

# Day Ahead Market Zonal LBMP

| Zonal Data  |        | 05/24/2004                  |        |        |        |       |       |       |        |        |        |                                 |        |        |        |        |        |        |        |        |        |        |       |        |
|---|--------|-----------------------------|--------|--------|--------|-------|-------|-------|--------|--------|--------|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| --- LBMP \$</th <th data-kind="ghost"></th> <th data-cs="10" data-kind="parent">--- Marginal Cost of Losses</th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-cs="12" data-kind="parent">--- Marginal Cost of Congestion</th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> |        | --- Marginal Cost of Losses |        |        |        |       |       |       |        |        |        | --- Marginal Cost of Congestion |        |        |        |        |        |        |        |        |        |        |       |        |
| Name  | 00:00  | 01:00                       | 02:00  | 03:00  | 04:00  | 05:00 | 06:00 | 07:00 | 08:00  | 09:00  | 10:00  | 11:00                           | 12:00  | 13:00  | 14:00  | 15:00  | 16:00  | 17:00  | 18:00  | 19:00  | 20:00  | 21:00  | 22:00 | 23:00  |
| PTID  | EDT    | EDT                         | EDT    | EDT    | EDT    | EDT   | EDT   | EDT   | EDT    | EDT    | EDT    | EDT                             | EDT    | EDT    | EDT    | EDT    | EDT    | EDT    | EDT    | EDT    | EDT    | EDT    | EDT   |        |
| CAPITL  | 54.42  | 41.41                       | 36.87  | 35.32  | 36.91  | 52.81 | 55.72 | 65.01 | 66.83  | 71.92  | 74.31  | 75.93                           | 77.67  | 78.03  | 79.15  | 78.24  | 74.33  | 73.74  | 72.86  | 68.07  | 73.62  | 71.07  | 63.40 | 56.40  |
| 61757   | 2.80   | 2.02                        | 1.73   | 1.65   | 1.79   | 2.57  | 2.79  | 2.70  | 3.25   | 3.89   | 4.37   | 4.67                            | 4.23   | 4.32   | 4.30   | 4.40   | 2.91   | 2.36   | 2.18   | 2.23   | 3.14   | 2.58   | 2.29  | 2.90   |
|   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00  | 0.01  | 0.00  | 0.00   | 0.00   | 0.00   | 0.38                            | 0.34   | 0.33   | 0.31   | 0.30   | -1.38  | -1.34  | -0.99  | -1.21  | 0.00   | 0.00   | 0.00  | 0.00   |
| CENTRL  | 49.81  | 37.82                       | 33.76  | 32.44  | 33.79  | 48.55 | 51.30 | 60.78 | 61.99  | 66.08  | 68.23  | 69.64                           | 72.45  | 72.64  | 73.94  | 73.33  | 69.49  | 69.70  | 68.74  | 63.60  | 69.80  | 67.88  | 60.14 | 51.75  |
| 61754   | -1.81  | -1.57                       | -1.38  | -1.23  | -1.33  | -1.69 | -1.60 | -1.53 | -1.59  | -1.95  | -1.71  | -2.00                           | -1.33  | -1.40  | -1.22  | -0.81  | -0.60  | -0.39  | -0.99  | -1.08  | -0.68  | -0.61  | -0.97 | -1.75  |
|   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00  | 0.04  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00                            | 0.00   | 0.00   | 0.00   | 0.00   | -0.05  | -0.05  | -0.04  | -0.05  | 0.00   | 0.00   | 0.00  | 0.00   |
| DUNWOD  | 56.11  | 42.62                       | 38.02  | 36.40  | 37.93  | 54.21 | 57.60 | 67.54 | 68.98  | 74.22  | 76.79  | 98.73                           | 98.73  | 98.66  | 98.74  | 97.74  | 109.70 | 108.80 | 99.73  | 99.31  | 76.96  | 74.11  | 66.12 | 58.43  |
| 61760   | 4.49   | 3.23                        | 2.88   | 2.73   | 2.81   | 3.97  | 4.66  | 5.23  | 5.40   | 6.19   | 6.85   | 7.52                            | 7.60   | 7.63   | 7.82   | 8.01   | 6.93   | 6.86   | 6.62   | 6.01   | 6.48   | 5.62   | 5.01  | 4.87   |
|   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | -19.57                          | -17.35 | -16.99 | -15.76 | -15.59 | -32.73 | -31.90 | -23.42 | -28.67 | 0.00   | 0.00   | 0.00  | -0.06  |
| GENESE  | 47.71  | 36.16                       | 32.32  | 31.10  | 32.40  | 46.73 | 49.07 | 58.67 | 59.43  | 63.66  | 66.07  | 66.51                           | 69.66  | 69.83  | 71.15  | 71.10  | 66.90  | 68.22  | 66.16  | 61.29  | 68.80  | 66.85  | 58.41 | 49.50  |
| 61753   | -3.91  | -3.23                       | -2.82  | -2.57  | -2.72  | -3.51 | -4.06 | -3.64 | -4.15  | -4.37  | -3.87  | -5.13                           | -4.12  | -4.21  | -4.01  | -3.04  | -3.14  | -1.82  | -3.53  | -3.34  | -1.68  | -1.64  | -2.70 | -4.00  |
|   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00  | -0.19 | 0.00  | 0.00   | 0.00   | 0.00   | 0.00                            | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |
| H Q   | 51.05  | 39.11                       | 34.89  | 33.43  | 34.87  | 49.84 | 52.41 | 61.81 | 63.07  | 67.42  | 68.96  | 70.64                           | 72.67  | 72.93  | 74.03  | 72.58  | 68.85  | 68.85  | 68.85  | 64.36  | 69.09  | 67.67  | 60.50 | 52.86  |
| 61844   | -0.57  | -0.28                       | -0.25  | -0.24  | -0.25  | -0.40 | -0.53 | -0.50 | -0.51  | -0.61  | -0.98  | -1.00                           | -1.11  | -1.11  | -1.13  | -1.56  | -1.19  | -1.19  | -0.84  | -0.65  | -1.13  | -0.82  | -0.61 | -0.64  |
|   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00                            | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.38  | 0.26   | 0.00   | 0.00  | 0.00   |
| HUD VL  | 55.46  | 42.13                       | 37.61  | 35.98  | 37.52  | 53.63 | 56.90 | 66.42 | 67.86  | 72.99  | 75.48  | 92.42                           | 92.96  | 93.01  | 93.32  | 92.40  | 100.99 | 100.04 | 93.23  | 91.53  | 75.58  | 72.83  | 64.94 | 57.55  |
| 61758   | 3.84   | 2.74                        | 2.47   | 2.31   | 2.40   | 3.39  | 3.96  | 4.11  | 4.28   | 4.96   | 5.54   | 6.08                            | 6.14   | 6.21   | 6.32   | 6.55   | 5.91   | 5.59   | 5.62   | 4.96   | 5.10   | 4.34   | 3.83  | 4.05   |
|   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | -14.70                          | -13.04 | -12.76 | -11.84 | -11.71 | -25.04 | -24.41 | -17.92 | -21.94 | 0.00   | 0.00   | 0.00  | 0.00   |
| LONGIL  | 108.18 | 61.74                       | 62.92  | 61.44  | 61.41  | 59.34 | 61.35 | 72.32 | 78.22  | 83.60  | 96.27  | 110.68                          | 111.68 | 111.66 | 111.64 | 111.21 | 110.73 | 110.32 | 101.23 | 100.43 | 91.59  | 80.74  | 73.19 | 63.29  |
| 61762   | 5.71   | 4.08                        | 3.63   | 3.45   | 3.57   | 4.96  | 5.68  | 6.43  | 6.74   | 7.52   | 8.23   | 8.93                            | 8.95   | 8.96   | 9.21   | 9.18   | 7.87   | 8.30   | 8.06   | 7.05   | 7.84   | 7.02   | 6.15  | 6.07   |
|   | -50.85 | -18.27                      | -24.15 | -24.32 | -22.72 | -4.14 | -2.73 | -3.58 | -7.90  | -8.05  | -18.10 | -30.11                          | -28.95 | -28.66 | -27.27 | -27.89 | -32.82 | -31.98 | -23.48 | -28.75 | -13.27 | -5.23  | -5.93 | -3.72  |
| MHK VL  | 51.48  | 39.19                       | 34.94  | 33.50  | 34.94  | 50.07 | 52.98 | 62.45 | 63.71  | 68.16  | 70.08  | 71.73                           | 73.97  | 74.19  | 75.37  | 74.28  | 70.49  | 70.48  | 70.08  | 64.99  | 71.01  | 68.79  | 61.36 | 53.51  |
| 61756   | -0.14  | -0.20                       | -0.20  | -0.17  | -0.18  | -0.17 | 0.05  | 0.14  | 0.13   | 0.13   | 0.14   | 0.09                            | 0.19   | 0.15   | 0.21   | 0.14   | 0.33   | 0.32   | 0.30   | 0.25   | 0.53   | 0.30   | 0.25  | 0.01   |
|   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00  | 0.01  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00                            | 0.00   | 0.00   | 0.00   | 0.00   | -0.12  | -0.12  | -0.09  | -0.11  | 0.00   | 0.00   | 0.00  | 0.00   |
| MILLWD  | 55.41  | 42.09                       | 37.55  | 35.93  | 37.45  | 53.53 | 56.88 | 66.57 | 68.00  | 73.19  | 75.71  | 97.11                           | 97.09  | 97.05  | 97.06  | 96.09  | 107.88 | 106.91 | 98.11  | 97.62  | 75.83  | 73.00  | 65.20 | 57.69  |
| 61759   | 3.79   | 2.70                        | 2.41   | 2.26   | 2.33   | 3.29  | 3.94  | 4.26  | 4.42   | 5.16   | 5.77   | 6.37                            | 6.38   | 6.43   | 6.53   | 6.74   | 5.91   | 5.74   | 5.57   | 5.01   | 5.35   | 4.51   | 4.09  | 4.14   |
|   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | -19.10                          | -16.93 | -16.58 | -15.37 | -15.21 | -31.93 | -31.13 | -22.85 | -27.98 | 0.00   | 0.00   | 0.00  | -0.05  |
| N.Y.C.  | 59.80  | 43.13                       | 38.46  | 36.80  | 38.37  | 54.87 | 68.07 | 75.67 | 94.24  | 103.40 | 104.80 | 115.61                          | 115.66 | 114.05 | 113.96 | 113.87 | 119.12 | 120.05 | 111.21 | 99.99  | 98.62  | 85.59  | 74.94 | 71.55  |
| 61761   | 5.18   | 3.74                        | 3.32   | 3.13   | 3.25   | 4.63  | 5.41  | 6.01  | 6.06   | 6.93   | 7.59   | 8.24                            | 8.39   | 8.41   | 8.56   | 8.78   | 7.70   | 7.59   | 7.32   | 6.61   | 7.18   | 6.34   | 5.79  | 5.58   |
|   | -3.00  | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00  | -9.72 | -7.35 | -24.60 | -28.44 | -27.27 | -35.73                          | -33.49 | -31.60 | -30.24 | -30.95 | -41.38 | -42.42 | -34.20 | -28.75 | -20.96 | -10.76 | -8.04 | -12.47 |
| NORTH   | 50.17  | 38.50                       | 34.33  | 32.87  | 34.30  | 48.88 | 51.54 | 60.91 | 62.10  | 66.38  | 67.76  | 69.41                           | 71.32  | 71.64  | 72.62  | 70.81  | 67.62  | 67.62  | 67.75  | 62.98  | 68.21  | 66.53  | 59.58 | 52.15  |
| 61755   | -1.45  | -0.89                       | -0.81  | -0.80  | -0.82  | -1.36 | -1.40 | -1.40 | -1.48  | -1.65  | -2.18  | -2.23                           | -2.46  | -2.40  | -2.54  | -3.33  | -2.42  | -2.42  | -1.94  | -1.65  | -2.27  | -1.96  | -1.53 | -1.35  |
|   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00                            | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00   |
| NPX   | 54.87  | 41.75                       | 37.21  | 35.62  | 37.19  | 53.15 | 56.27 | 65.61 | 67.20  | 72.25  | 74.70  | 82.79                           | 83.95  | 84.19  | 84.93  | 84.01  | 85.55  | 85.04  | 81.49  | 78.58  | 73.96  | 71.64  | 63.98 | 56.76  |
| 61845   | 3.25   | 2.36                        | 2.07   | 1.95   | 2.07   | 2.91  | 3.33  | 3.30  | 3.62   | 4.22   | 4.76   | 5.09                            | 4.80   | 4.89   | 4.89   | 5.04   | 3.78   | 3.57   | 3.41   | 3.30   | 3.74   | 3.15   | 2.87  | 3.26   |
|   | 0.00   | 0.00                        | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | -6.06                           | -5.37  | -5.26  | -4.88  | -4.83  | -11.73 | -11.43 | -8.39  | -10.65 | 0.26   | 0.00   | 0.00  | 0.00   |

|               |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                   |                                    |                                   |                                    |                                    |                                   |                                   |                                   |                                   |                                    |                                   |                                   |                                   |                                   |
|---------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|-----------------------------------|------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| H<br>61846    | 44.75<br><del>-6.87</del><br>0.00 | 33.84<br><del>-5.55</del><br>0.00 | 30.29<br><del>-4.85</del><br>0.00 | 29.16<br><del>-4.51</del><br>0.00 | 30.38<br><del>-4.74</del><br>0.00 | 43.81<br><del>-6.43</del><br>0.00 | 41.80<br><del>-8.05</del><br>3.09 | 53.90<br><del>-8.41</del><br>0.00 | 55.06<br><del>-8.52</del><br>0.00 | 58.98<br><del>-9.05</del><br>0.00 | 61.27<br><del>-8.67</del><br>0.00 | 60.39<br><del>-11.25</del><br>0.00 | 63.82<br><del>-9.96</del><br>0.00 | 63.82<br><del>-10.22</del><br>0.00 | 65.01<br><del>-10.15</del><br>0.00 | 65.69<br><del>-8.45</del><br>0.00 | 61.78<br><del>-8.26</del><br>0.00 | 62.90<br><del>-7.14</del><br>0.00 | 61.54<br><del>-8.15</del><br>0.00 | 57.45<br><del>-7.56</del><br>-0.38 | 63.67<br><del>-6.55</del><br>0.26 | 62.46<br><del>-6.03</del><br>0.00 | 54.39<br><del>-6.72</del><br>0.00 | 45.58<br><del>-7.92</del><br>0.00 |
| PJM<br>61847  | 47.59<br><del>-4.03</del><br>0.00 | 35.61<br><del>-3.78</del><br>0.00 | 31.84<br><del>-3.30</del><br>0.00 | 30.61<br><del>-3.06</del><br>0.00 | 32.06<br><del>-3.06</del><br>0.00 | 46.57<br><del>-3.67</del><br>0.00 | 47.00<br><del>-4.13</del><br>1.81 | 59.01<br><del>-3.30</del><br>0.00 | 60.72<br><del>-2.86</del><br>0.00 | 64.76<br><del>-3.27</del><br>0.00 | 67.56<br><del>-2.38</del><br>0.00 | 69.13<br><del>-2.51</del><br>0.00  | 74.89<br><del>1.11</del><br>0.00  | 74.56<br><del>0.52</del><br>0.00   | 76.36<br><del>1.20</del><br>0.00   | 76.36<br><del>2.22</del><br>0.00  | 71.79<br><del>1.75</del><br>0.00  | 71.93<br><del>1.89</del><br>0.00  | 70.18<br><del>0.49</del><br>0.00  | 64.23<br><del>-0.78</del><br>-0.38 | 70.22<br><del>0.00</del><br>0.26  | 68.83<br><del>0.34</del><br>0.00  | 58.30<br><del>-2.81</del><br>0.00 | 48.52<br><del>-4.98</del><br>0.00 |
| WEST<br>61752 | 45.20<br><del>-6.42</del><br>0.00 | 34.08<br><del>-5.31</del><br>0.00 | 30.53<br><del>-4.61</del><br>0.00 | 29.41<br><del>-4.26</del><br>0.00 | 30.64<br><del>-4.48</del><br>0.00 | 44.24<br><del>-6.00</del><br>0.00 | 42.54<br><del>-7.44</del><br>2.96 | 55.08<br><del>-7.23</del><br>0.00 | 56.48<br><del>-7.10</del><br>0.00 | 60.49<br><del>-7.54</del><br>0.00 | 62.87<br><del>-7.07</del><br>0.00 | 61.91<br><del>-9.73</del><br>0.00  | 65.88<br><del>-7.90</del><br>0.00 | 65.78<br><del>-8.26</del><br>0.00  | 67.13<br><del>-8.03</del><br>0.00  | 67.65<br><del>-6.49</del><br>0.00 | 63.63<br><del>-6.41</del><br>0.00 | 64.53<br><del>-5.51</del><br>0.00 | 63.09<br><del>-6.60</del><br>0.00 | 58.34<br><del>-6.29</del><br>0.00  | 65.58<br><del>-4.90</del><br>0.00 | 64.08<br><del>-4.41</del><br>0.00 | 55.42<br><del>-5.69</del><br>0.00 | 46.01<br><del>-7.49</del><br>0.00 |